

# 2003 SONY MOBILE PRODUCT GUIDE



## **XM-D1000P5** **Monaural Power Amplifier**

- 1600W max power
- 500W x 1 RMS into 4Ω, 20Hz - 300Hz @ 0.2% THD
- 900W x 1 RMS into 2Ω, 20Hz - 300Hz @ 0.6% THD
- Class D
- Variable 50 - 300Hz 12dB/oct Low Pass Filter
- 40Hz EQ Boost
- RCA & Speaker Level Inputs

### **Audio Power Specifications**

#### POWER OUTPUT AND TOTAL HARMONIC DISTORTION

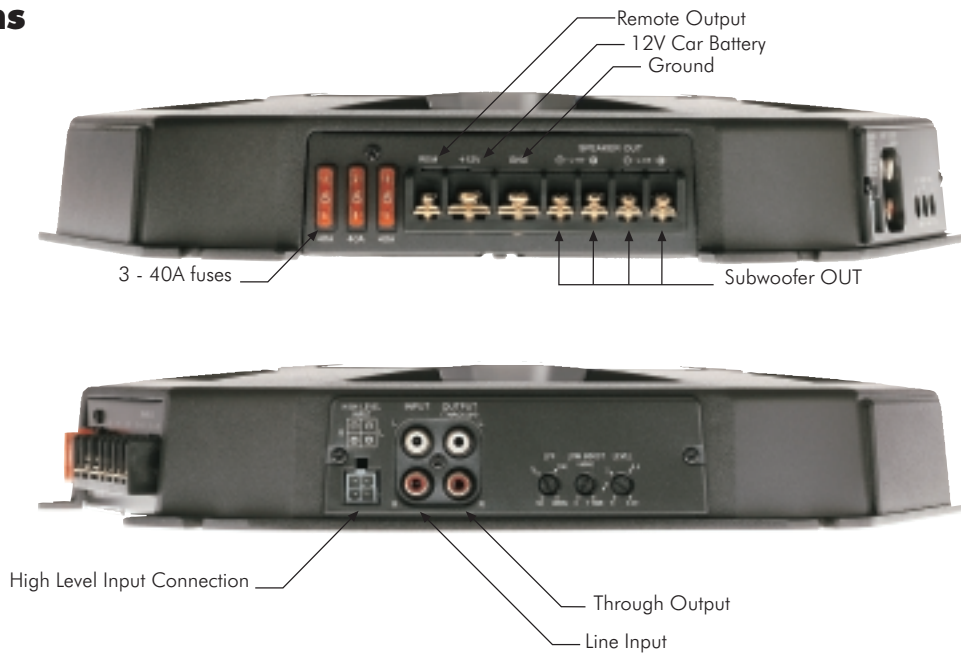
500 watts minimum continuous average power into 4 ohms, 20 Hz to 300 Hz with no more than 0.2% total harmonic distortion per Car Audio Ad Hoc Committee standards.

### **Other Specifications**

Circuit system	Class D Technology
Inputs	Pulse power supply RCA pin jacks High level input connector
Outputs	Speaker terminals Through out pin jacks
Suitable speaker impedance	2 – 8Ω
Maximum outputs	1,000 W (at 4Ω) 1,600 W (at 2Ω)
Rated outputs (supply voltage at 14.4 V)	500 W (20 – 300 Hz, 0.2% THD, at 4Ω) 900 W (20 – 300 Hz, 0.6% THD, at 2Ω)
Frequency response	5 – 300 Hz ( +0.5 dB, -3 dB)
Harmonic distortion	0.06% or less (at 100 Hz, 4Ω)
Input level adjustment range	0.3 – 6.0 V (RCA pin jacks) 1.2 – 12.0 V (High level input)
Low-pass filter	50 – 300 Hz, -12 dB/oct
Low boost	0 – 10 dB (40 Hz)
Power requirements	12 V DC car battery (negative ground)
Power supply voltage	10.5 - 16 V
Current drain	at rated output : 90 A (2Ω) Remote input : 2 mA
Dimensions	Approx. 347 × 57 × 339 mm (w/h/d) (13 3/4 × 2 1/4 × 13 3/8 in.) (w/h/d) not incl. projecting parts and controls
Mass	Approx. 3.8 kg (8 lb. 6 oz.) not incl. accessories
Supplied accessories	Mounting screws (5) High level input cord (1) Protection cap (1)

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**Connections**



**Dimensions**

**Unit: mm (in.)**

